



Docket No.: K5675.0090/P090  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Sung-Il Roh et al.

Application No.: 10/584,255

Confirmation No.: Not Yet Assigned

Filed: June 23, 2006

Art Unit: Not Yet Assigned

For: EMBRYONIC STEM CELL LINE AND  
METHOD FOR PREPARING THE SAME

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. K5675.0090/P090. A duplicate copy of this paper is enclosed.

Dated: October 12, 2006

Respectfully submitted,

By

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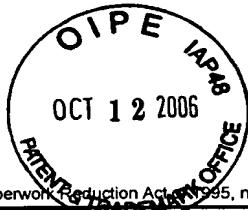
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PTO/SB/08a/b (07-06)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	10/584,255
				Filing Date	June 23, 2006
				First Named Inventor	Sung-II Roh
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	K5675.0090/P090

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					<sup>T<sup>6</sup></sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			<sup>T<sup>2</sup></sup>
	CA	Bongso et al., Isolation and culture of inner cell mass cells from human blastocysts; Human Reproduction, Nov. 9; Vol. 11:2110-2117 (1994)			X
	CB	Thomson et al., Isolation of a primate embryonic stem cell line; Proc. Natl. Acad. Sci. USA, August; Vol. 92:7844-7848 (1995)			X
	CC	Thomson et al., Embryonic Stem Cell Lines Derived from Human Blastocysts; Science Mag., Nov.; Vol. 282:1145-1147 (1998)			X
	CD	Solter, Mammalian Cloning: Advances and Limitations; Nt. Rev. Genet., Dec.; Vol. 1:199-207 (2000)			X
	CE	Lanza et al., Human therapeutic cloning; Nat. Med., Sept.; Vol. 5:975-977 (1999)			X
	CF	Cibelli et al., Transgenic bovine chimeric offspring produced from somatic cell-derived stem-like cells; Nat. Biotechnol., July; Vol. 16:642-646 (1998)			X
	CG	Munsie et al., Isolation of pluripotent embryonic stem cells from reprogrammed adult mouse somatic cell nuclei; Curr. Biol., August; Vol. 10:989-992 (2000)			X
	CH	Wakayama et al, Differentiation of Embryonic Stem Cell Lines Generated from Adult Somatic Cells by Nuclear Transfer; Scient, April 27; Vol. 292:740-743 (2001)			X
	CI	Cibelli et al., Somatic Cell Nuclear Transfer in Humans: Pronuclear and Early Embryonic Development; J. of Regenerative Medicine, Nov. 26; Vol. 2:25-31 (2001)			X
	CJ	Evans et al., Establishment in Culture of Pluripotential Cells from Mouse Embryos; Nature, July 9, Vol. 292:154-156 (1981)			X

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Examiner Signature	Date Considered
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